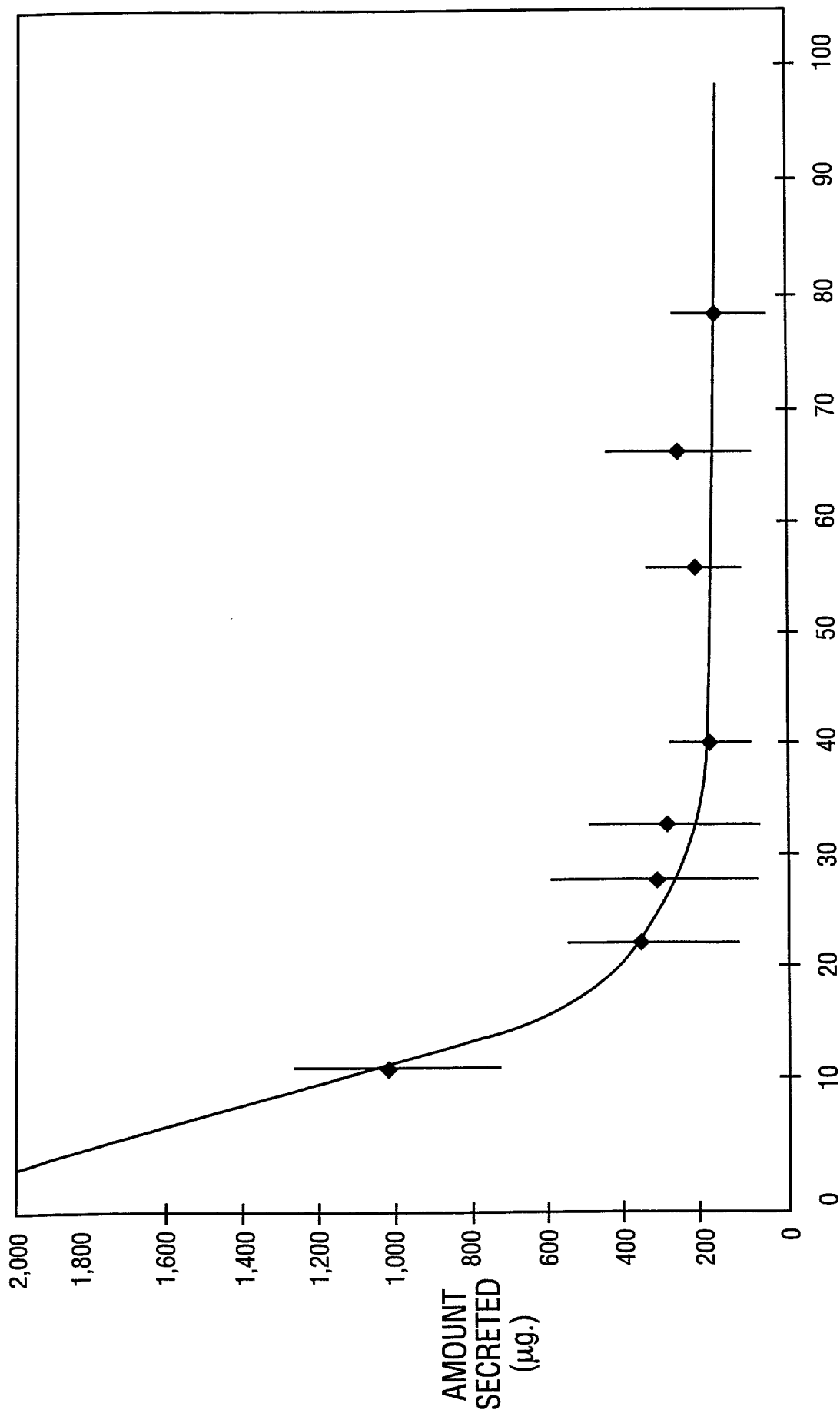


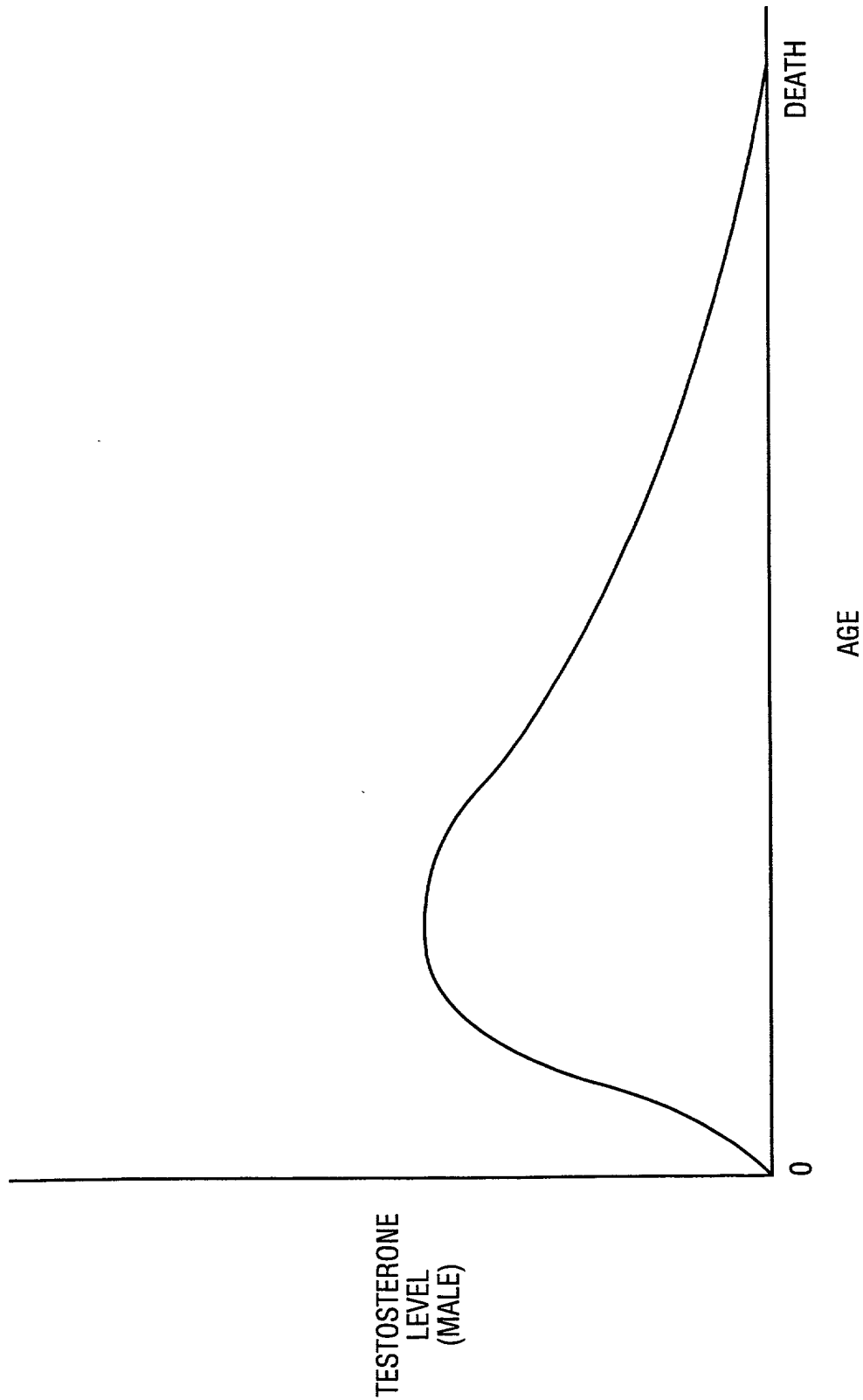
# GROWTH HORMONE DECLINE



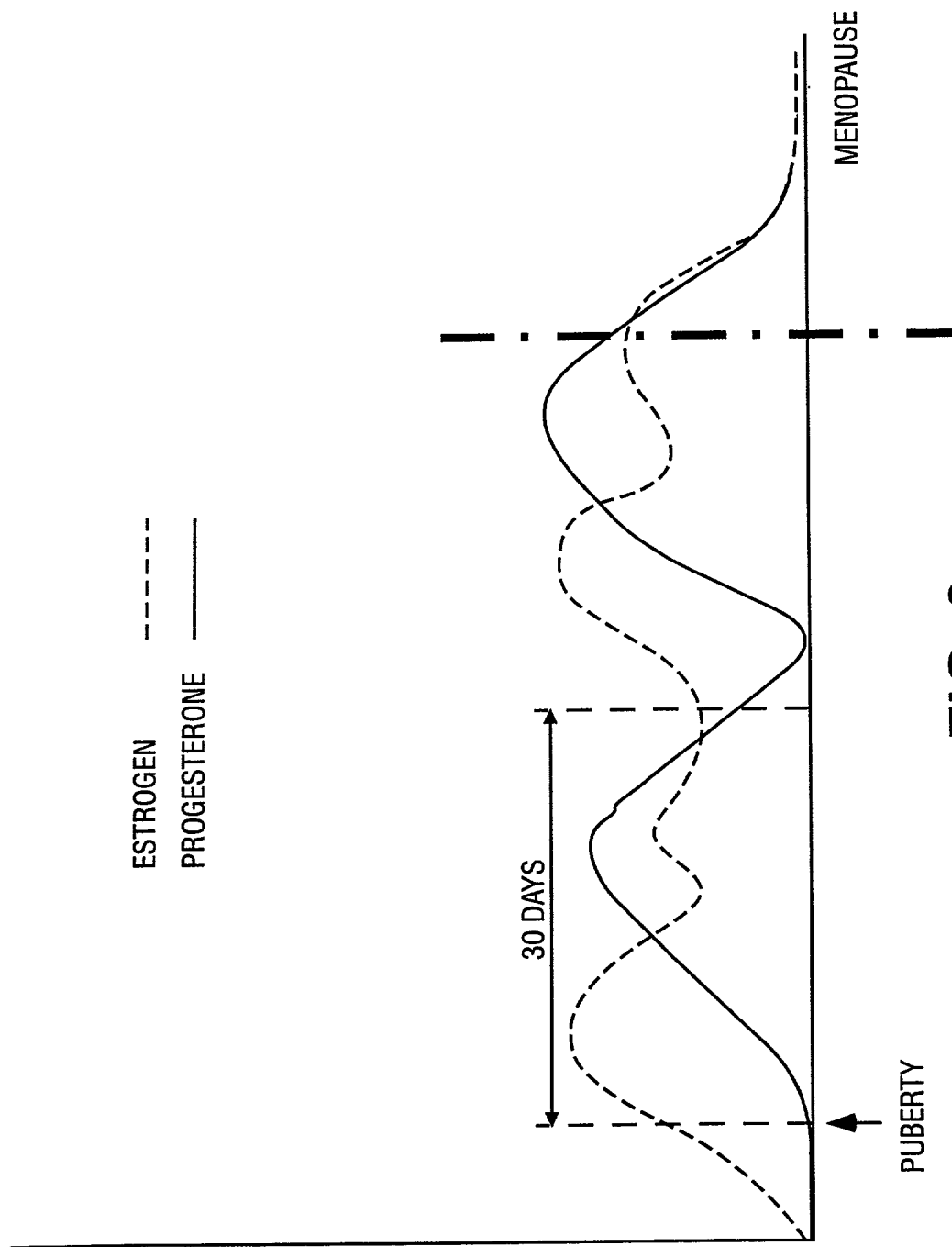
AGE (YEARS)

**FIG. 1 (PRIOR ART)**

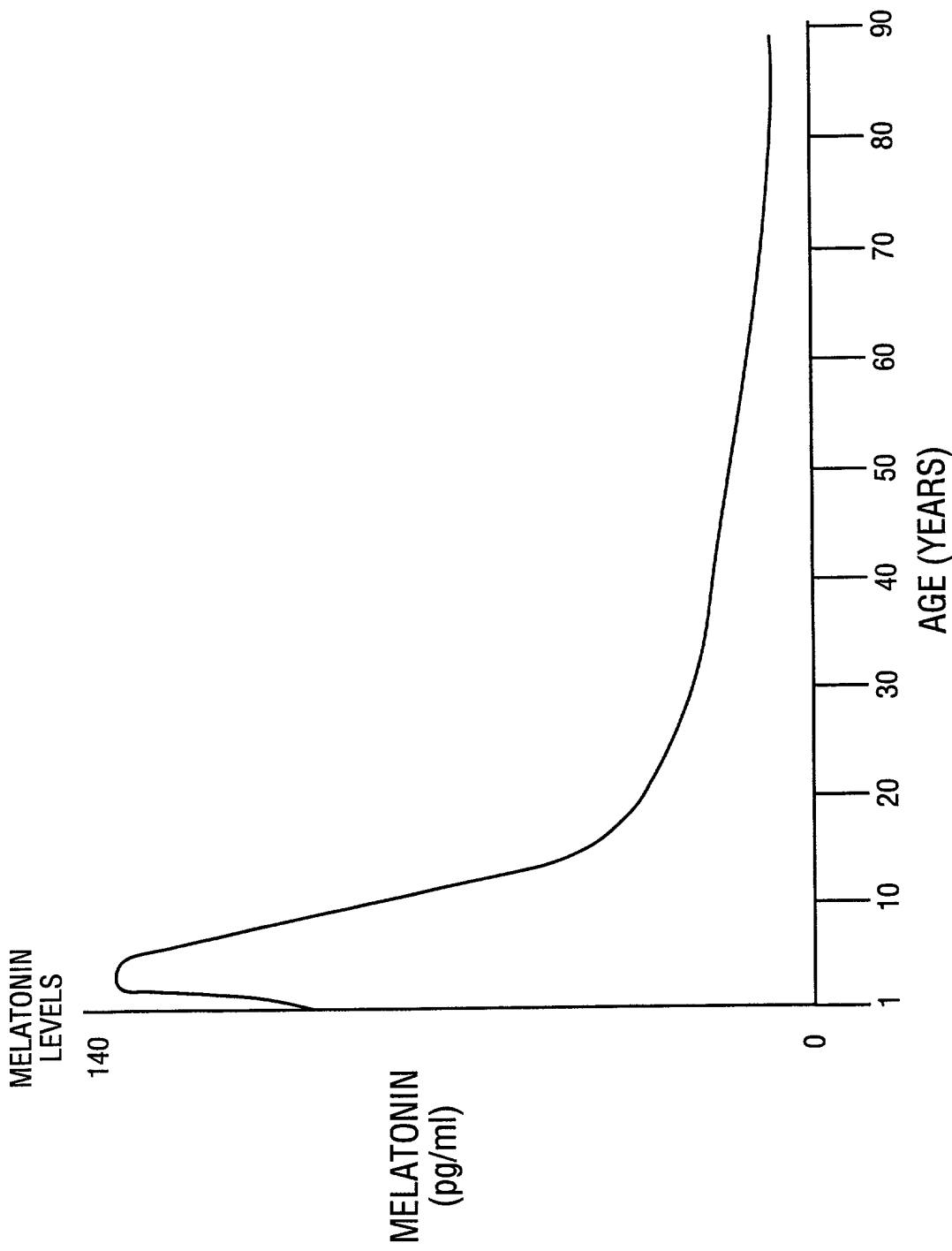
When the male is young, the testosterone level is low. As the male ages, the testosterone level rises to a peak and then declines until death.



**FIG. 2**  
**(PRIOR ART)**

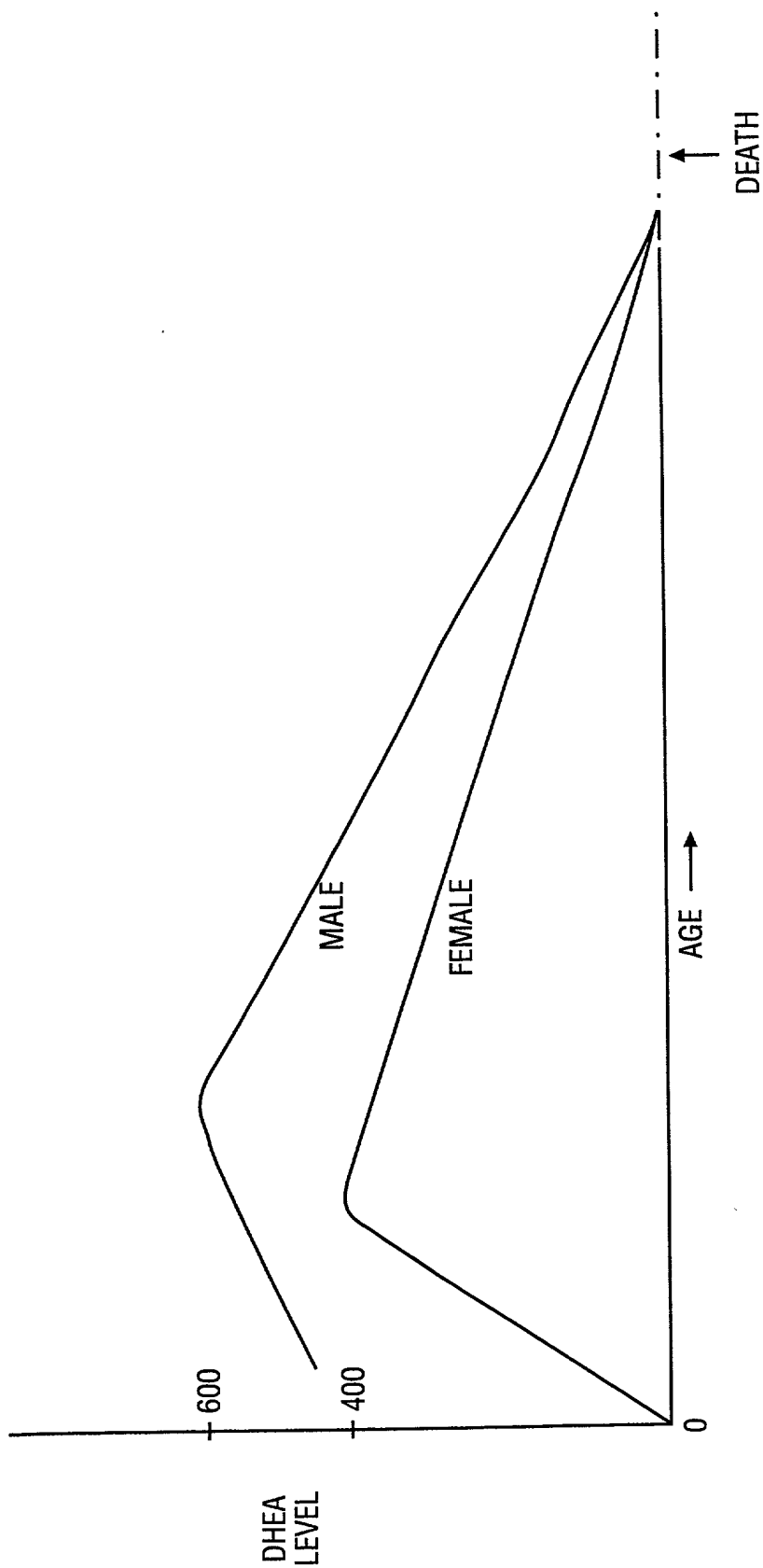


**FIG. 3**  
**(PRIOR ART)**



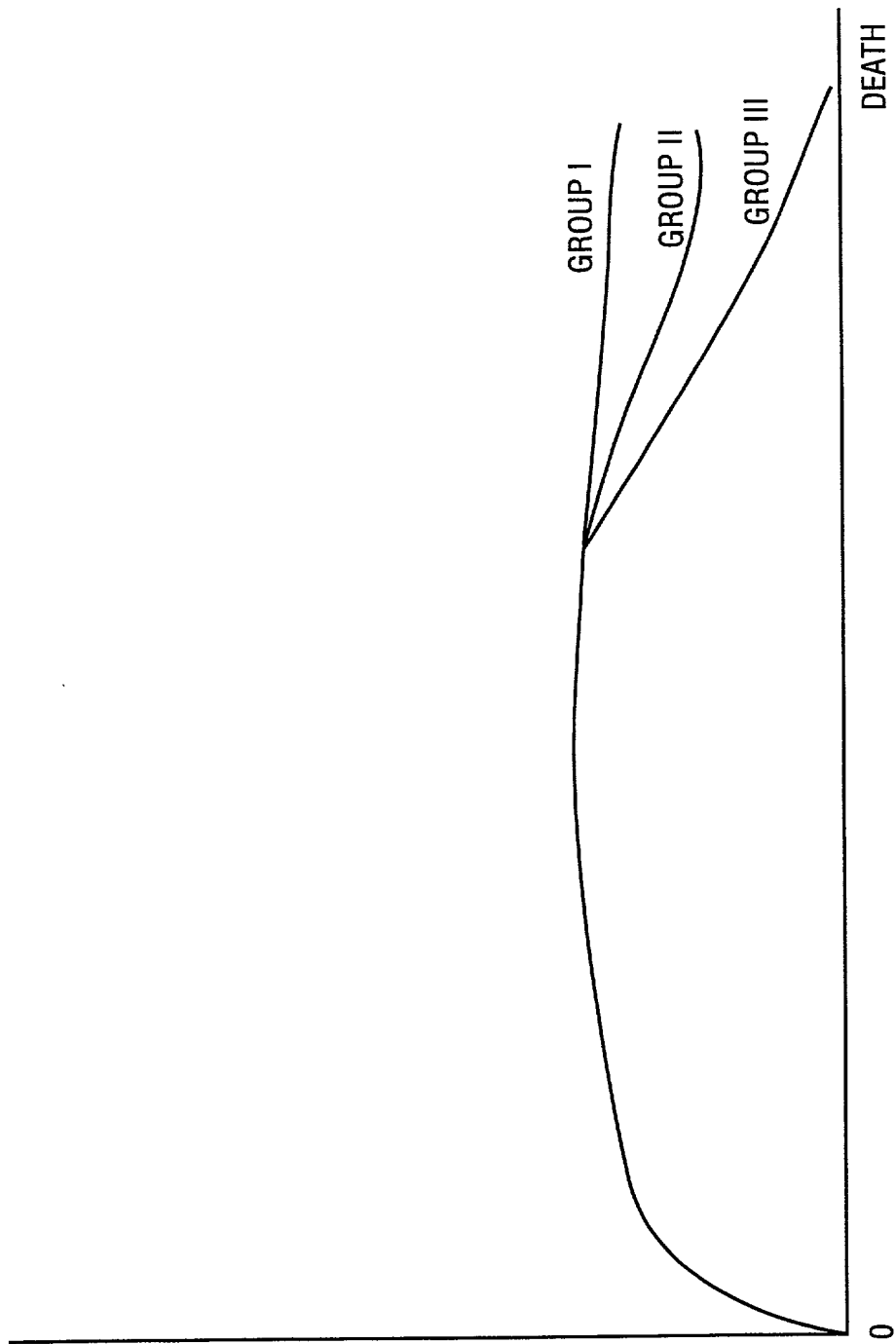
NIGHTTIME MELATONIN PRODUCED THROUGHOUT LIFE

**FIG. 4**  
(PRIOR ART)



**FIG. 5**  
(PRIOR ART)

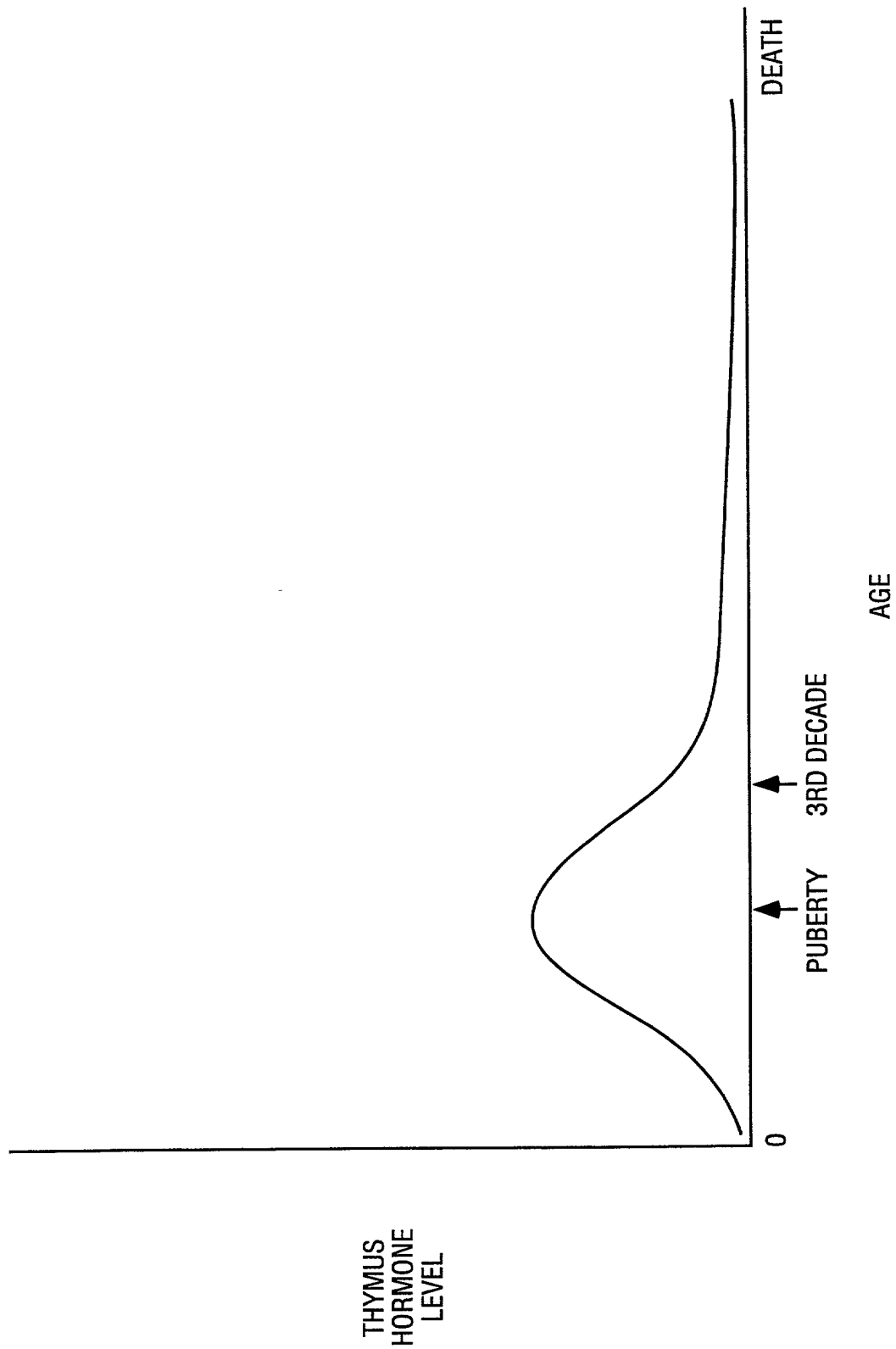
THYROID  
HORMONE  
LEVEL (T<sub>4</sub> & T<sub>3</sub>)



AGE

**FIG. 6**  
(PRIOR ART)

THYMUS HORMONE LEVEL



**FIG. 7**  
**(PRIOR ART)**

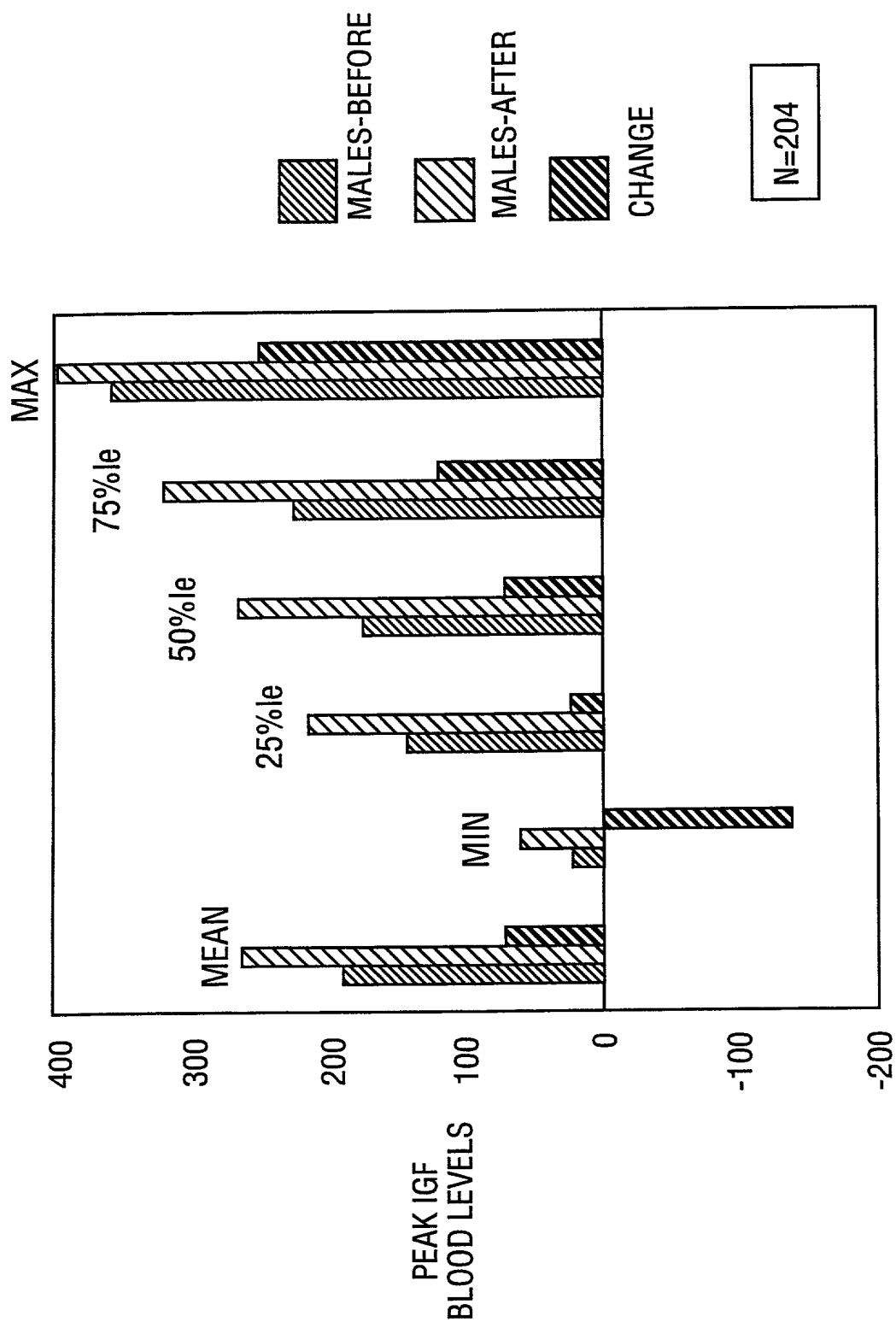


FIG. 8



FIG. 9 is a bar chart showing the peak IGF blood levels for females before and after treatment, and the change in levels. The chart is divided into five groups: MEAN, 25%ile, 50%ile, 75%ile, and MAX. The Y-axis represents the peak IGF blood levels, ranging from -100 to 400. The X-axis represents the different groups. The legend indicates that the bars represent FEMALE-BEFORE (diagonal lines), FEMALE-AFTER (horizontal lines), and CHANGE (solid black). The sample size is N=91.

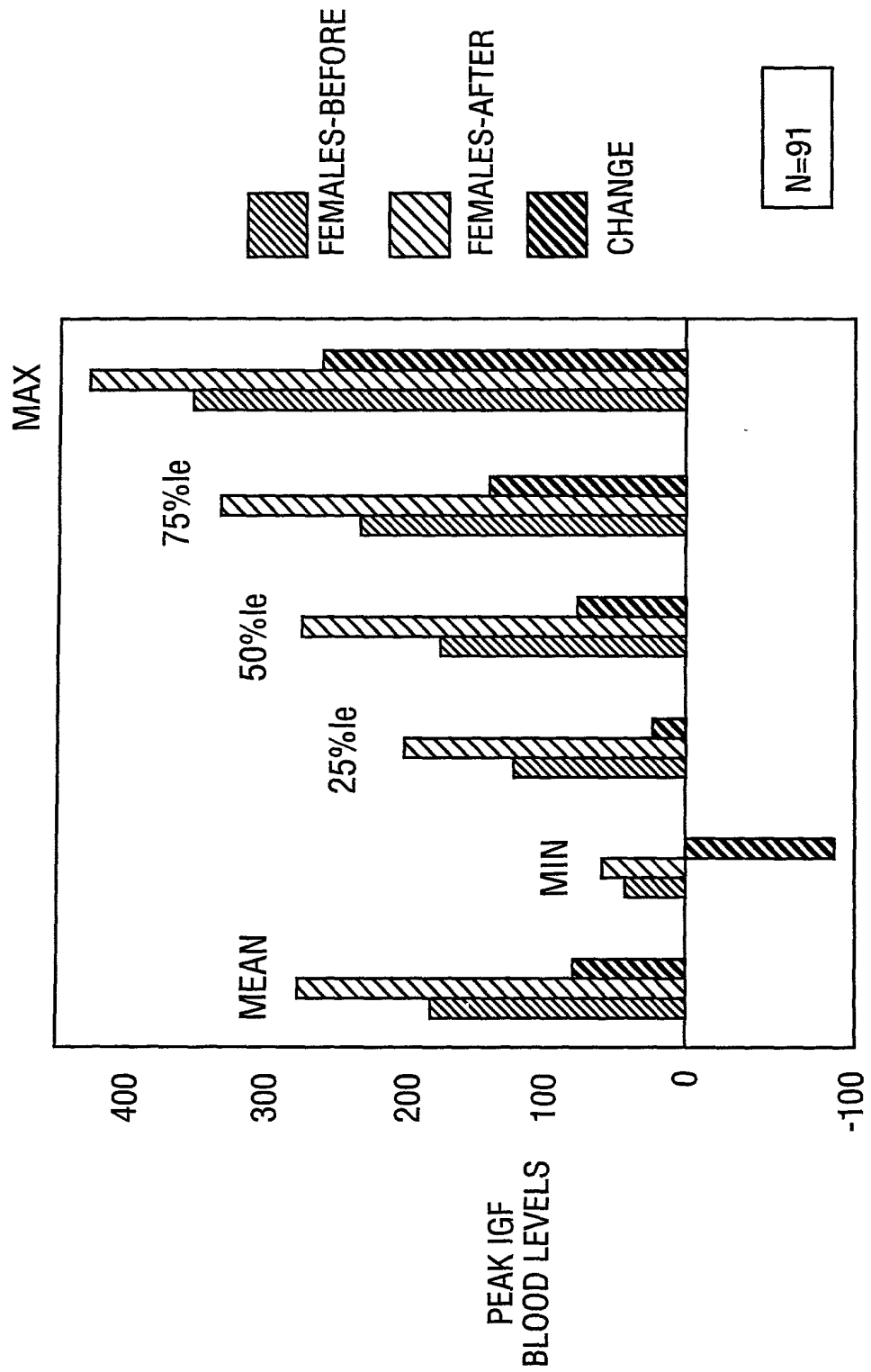


FIG. 9